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FORMATION OF ACTIVE MATRIX LIQUID CRYSTAL DISPLAY AND DRIVING
METHOD THEREFOR

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ABSTRACT

PURPOSE: To produce a large area liquid crystal display incorporating a peripheral circuit with high throughput, to accomplish the high performance of the liquid crystal display and to reduce the cost thereof by producing the liquid crystal display by combining a photolithographic stage and a resist printing stage.

CONSTITUTION: Both the photolithographic stage and the resist printing stage are used as a constituting process. Namely, a display part 5 formed in the resist printing stage and a driving circuit 6 on a scanning side and a driving circuit 7 on a signal side which are a part of the peripheral circuit formed in the photolithographic stage are obtained. Since the resist printing stage is used as a part of process, the throughput is improved. Then, the photolithographic stage is used for constituting the incorporated peripheral circuit, etc., which needs to be comparatively finely processed, so that the normal incorporated peripheral circuit is formed. Thus, an active matrix liquid crystal display with the incorporated peripheral circuit is produced with high throughput.

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FORMATION OF ACTIVE MATRIX LIQUID CRYSTAL DISPLAY AND DRIVING
METHOD THEREFOR (English)

Patent Assignee: HITACHI LTD

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